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MAIL STOP - PCT
Docket No.: 27545U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: MENGE, et al.

Art Unit: xx

Appl. No.: 10/587,830

Examiner: xx

Appl. Filing Date: 7/28/2006

Intl. Appl. No.: PCT/EP05/50412

Intl. Filing Date: 2/1/2005

For: PYRIDAZINONE DERIVATIVES AND THEIR USE AS PDE4 INHIBITORS

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

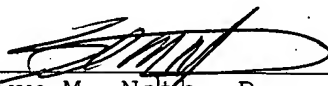
Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- 1) Information Disclosure Statement;
- 2) PTO Form-1449 with 48 cited references, and copies of 31 of the 48 cited references.

The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

October 12, 2006


Gary M. Nath, Reg. No. 26,965
Sheldon M. McGee, Reg. No. 50,454
Customer No. 34375

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. 1.97-1.98. Please note the following particulars: [NOTE: One only of items a, b, c, and d must be checked.]

- a. ☒ [XXX] The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.
- b. ☐ [] The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311.
The enclosed statement is accompanied by [check one]:
☐ [] i. a certification in part (e) below as specified in 37 C.F.R. 1.97(e), or
☐ [] ii. a check in the amount required by 37 C.F.R. 1.17(p).
- c. ☐ [] The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311, but before payment of the issue fee.

- ☐ Certification report(e) below; and
- ☐ a check in the amount as required by 1.17(p).

d. ☐ The enclosed statement is being filed pursuant to 37 C.F.R. 1.97(i), for placement in the file.

e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]

☐ I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

☐ I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

☐ Appropriate certification is attached.

f. [XXX] If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 14-0112.

g. ☐ Copies of the documents are attached herewith with a completed PTO Form-1449.

or

☐ Copies of the documents are not attached, with a completed PTO Form-1449 as allowed under CFR

1.98(d)(1)(2). The earlier application is identified as:

and / or

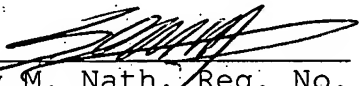
[XXX] Copies of US Patents/Publications not attached, with a completed PTO Form-1449 as allowed in Official Gazette Aug. 5, 2003/ Vol. 1273, no. 1.

The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these documents have been considered by the Examiner and made of record in this application.

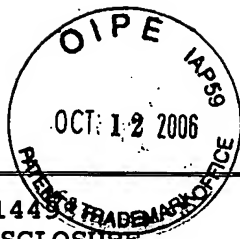
If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

Respectfully submitted,
NATH & ASSOCIATES PLLC

October 12, 2006


Gary M. Nath, Reg. No. 26,965
Sheldon M. McGee, Reg. No. 50,454
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue / Publication Date	Inventor	Filed
A1	5,267,027 (corresponds to EP0539806)	11/30/1993	Ugaki et al.	4/28/1992
A2	5,434,149 (corresponds to EP0618201)	7/18/1995	Jonas et al.	3/31/1994
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A6	6,103,718 (corresponds to WO98/31674)	8/15/2000	Sterk	1/12/1998
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A8	6,255,303 (corresponds to WO99/47505)	5/1/2001	Miller et al.	7/6/1999
A9	6,756,371 (corresponds to WO01/30766)	6/29/2004	Sterk	10/24/2000
A10	6,933,296 (corresponds to WO01/94319)	8/23/2005	Sterk	6/1/2001
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Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP ' 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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A18	196 04 388 A1	8/14/1997	DE	Abstract
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A42	2005/075456 A1	8/18/2005	WO	N/A

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A43	Coates, W.J., et al., "1,4-Bis(3-oxo-2,3-dihydropyridazin-6-yl)benzene Analogues: Potent Phosphodiesterase Inhibitors and Inodilators", <u>J. Med. Chem.</u> , Vol. 33, Pages 1735-1741, (1990).

Examiner	Date Considered
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A44	Van der Mey, M., et al., "Relationships of 4-Aryl-Substituted cis-Tetra- and cis-Hexahydrophthalazinones", <u>J. Med. Chem.</u> , Vol. 44, No. 16, Pages 2523-2535, (2001).
A45	Van der Mey, M., et al., "Novel Selective PDE4 Inhibitors. 1. Synthesis, Structure-Activity Relationships, and Molecular Modeling of 4-(3,4-Dimethoxyphenyl)-2H-phthalazin-1-ones and Analogues", <u>J. Med. Chem.</u> , Vol. 44, No. 16, Pages 2511-2522, (2001).
A46	Van der Mey, M., et al., "Novel Selective PDE4 Inhibitors. 3. <i>In Vivo</i> Antiinflammatory Activity of a New Series of N-Substituted cis-Tetra- and cis-Hexahydrophthalazinones", <u>J. Med. Chem.</u> , Vol. 45, No. 12, Pages 2520-2525, (2002).
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A48	Norman, P., "PDE4 inhibitors 2001. Patent and literature activity 2000 - September 2001", <u>Expert Opin. Ther. Patents</u> , Vol. 12, No. 1, Pages 93-111, (2002).
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